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## **Gerald Borsuk, PH.D.**



### **Associate Director of Research for Systems Naval Research Laboratory**

Dr. Gerald M. Borsuk is the Associate Director of Research for the Systems Directorate at the Naval Research Laboratory (NRL) in Washington, DC. His career objective is to supply technical leadership and vision in systems engineering that advances the Navy's present and future warfighting capabilities. Presently, he provides executive direction and leadership to four major NRL research divisions that conduct a broad multi-disciplinary program of scientific research and advanced technological development in the areas of optics, electromagnetics, information technology, and radar with combined funding in Fiscal Year 07 of \$419million. He is responsible for the conduct and effectiveness of research programs conducted within these divisions and for the overall administration of activities throughout the Systems Directorate. He is also the Focus Area Coordinator for all NRL Base programs in electronics science and technology.

Prior to his appointment as Associate Director of Research for Systems, Dr. Borsuk served for 23 years as the Superintendent of the Electronics Science and Technology Division at NRL, where he was responsible for the in-house execution of a multi-disciplinary program of basic and applied research in electronic materials and structures, solid state devices, nanometer scale electronics, vacuum electronics, and circuits. Prior to joining NRL, Dr. Borsuk served in the industrial sector for seventeen years first as a bench scientist and later as a manager of science and technology research. His last position in industry before joining NRL was as an S&T manager at the Westinghouse Electric Corporation's (now Northrop-Grumman) Advanced Technology Laboratory at Baltimore, MD.

Dr. Borsuk received a doctorate in physics from Georgetown University in Washington, DC in 1973. He is a Fellow of the IEEE. He has published in the literature and has been awarded several patents. He is the recipient of three Presidential Rank Senior Executive Awards, the most recent of which was granted in 2005. Amongst his other recognitions for achievement, he is the recipient of the IEEE Frederik Philips Medal, the IEEE Harry Diamond Memorial Award, the IEEE Millennium Medal, and an IR-100 Award. Dr. Borsuk also served on the Editorial Board of the IEEE Proceedings for eighteen years.